•		TOP SWEET		25X1	,			
*	25X	1		•	-			
Declass Re	eview by NIMA/DOD			6 May 1965	25X1			
•		•		Copy S				
	MEMORANDUM FOR:	NSA/TCO 25X1A			: .			
	ATTENTION :	<u> </u>	1					
	THROUGH :		NSA/LO/NPIC					
	SUBJECT :	Search for Mining in	the Ch'u-hsi	en Region, China				
	REFERENCE :	NSA Requirement (NPIC Project 35031-	5)					
	1. This memorandum is in response to your requirement on a search for mining in the Ch'u-hsien region, China. Good quality photography of the Ch'u-hsien region, Chekiang Province, China, was examined for evidence of mining within a radius of 25 nautical miles (nm) of the city of Ch'u-hsien. 2. Two nm NW of the town of Tu-tse-chen and 12 nm NNE of Ch'u-hsien a small well-guarded mining district, together with a small mill, is located on a mountain slope above the village of Shan-chiao-k'ou at 29-09N/118-55E. An annotated photographic enlargement of the Shan-chiao-k'ou mining district accompanies this memorandum. Identification of the Shan-chia-k'ou mining district							
25X1B								
25X1D	inaccessible mo by a check poin lowered by a st below. The min area undergoing area having thr like dust cover	han-chiao-k'ou mining untain slope served by t and higher up, a gareeply inclined railway ing district is compartrenching, drilling ee small adit (tunnel ed mill. A centrally	y a single move te. The ores y to a simple rtmentalized i r, and pitting;) type mines, located obser	intain road guarded or concentrates at receiving building into (1) a higher; and (2) a lower and a small barraryation post was by	n re g ck- uilt			
Excluded 1 1 m 2	during to	overlook the two area ow valley from the Sh	s. The road v	which runs northwa	ra			
	5 17400	٥						

					· 25X1					
25X1D										
23/10	Photography of the Shan-chiao-k'ou mining district was poor prior to which indicated that milling of the ores had commenced in a small way. Mining had possibly begun one or two years earlier. The pattern of the various workings indicates that five or more NE-SW trending veins are crossed by less well mineralized NW-SE shorter veins. The total amount of ore treated by									
•	crushing and mechanical separation is estimated to be roughly 20,000 short tons. The absence of stocks of mining supplies for a high-priority product, suggests that ore reserves are limited, a situation that warrants the observed active and continued surface prospecting. The ultimate destination of the ores and concentrates is unknown, but presumably they are trucked downward and southward to rail shipment points along the Ch'u-hsien Chin-hua railway.									
25X1D	An area of prospecting near Ta-ch'a-yuan, 28-50N/118-59E, 9.5 nm SE of Ch'u-hsien, was identified as another activity of an element of the 608 Unit of the Third Bureau of the Second Ministry of Machine Building during									
t :	to the Chinese atomic energy program.									
25X1D	3. South of Teng-chia, 28-52N/119-01E, 10 nm SE of Ch'u-hsien, drilling has apparently stopped on possibly similarly mineralized veins. A similar stoppage of drilling and trenching has occurred on long veins at Ling-shan-chen, 28-51N/119-11E, 19 nm SE of Ch'u-hsien and 11 nm south of Lung-yu. As a consequence of this reduction of drilling in these two areas drillers would be available in mid————————————————————————————————————									
25X1D),	Prior to		the Chu-hsien re	gion was					
25X1D	not well covered by aerial photography. Photography used in this search is as follows:									
25X1										
20/(1										
		at the state of th	0, 1,31		1					
			<u>. * </u>		,					

